

10/583291

AP3 Rec'd PCT/PTO 16 JUN 2006
Dkt. 76518/JPW/CH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Nalan Utku and Steven Richard Blumberg

U.S. Serial No. : Not Yet Known (national stage of PCT International Application No. PCT/EP2004/014435)

Filed : Herewith

For : USE OF AGENTS DERIVED FROM CEACAM1 FOR THE TREATMENT OF INFLAMMATORY DISEASES

1185 Avenue of the Americas
New York, New York 10036
June 16, 2006

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. §1.56 and §1.97(a)-(d), applicants request that the following documents be considered and made of record in the above-identified application which is listed on Form PTO-1449, attached hereto as **Exhibit A**:

1. International Search Report issued by the International Searching Authority (ISA/EP) on September 15, 2005 in connection with International Application No. PCT/EP2004/014435 (**Exhibit 1**);
2. Database Biosis Online! Biosciences Information Service, Philadelphia, PA, US; 2003. Hideki, I. et al. Specific Regulation Of T Helper-1 Mediated Murine Colitis By CEACAM1. XP002343170, Database Accession No. PREV200400032288 (**Exhibit 2**);

10/583291

Applicants: Nalan Utku and Steven Richard Blumberg

U.S. Serial No.: NOT YET KNOWN

Filed: as S371 national stage of PCT

International Application No. PCT/US2004/037412

Page 2

AP3 Rec'd PCT/PTO 16 JUN 2005

3. Szekanecz, Z. et al. Increased Synovial Expression Of The Adhesion Molecules CD66a, CD66b, and CD31 in Rheumatoid and Osteoarthritis. Clinical Immunology and Immunopathology, Vol. 76, No. 2, 1995, pages 180-186, XP002343166 (**Exhibit 3**);
4. PCT International Application No. PCT/US99/08430 (Blumberg, R.), International Publication No. WO 99/52552, published on October 21, 1999 (**Exhibit 4**);
5. Skubitz, K.M. et al. Synthetic Peptides From The N-Domains Of CEACAMs Activate Neutrophils. Journal of Peptide Research, Munksgaard International Publishers, Copenhagen, Denmark, Vol. 58, No. 6, December 2001, pages 515-526, XP001093434 (**Exhibit 5**);
6. Hideki, I. et al. Specific Regulation Of T Helper Cell 1-Mediated Murine Colitis By CEACAM1. Journal Of Experimental Medicine. Vol. 199, No. 4, pages 471-482, XP002343167 (**Exhibit 6**);
7. Chen D. et al. Carcinoembryonic Antigen-Related Cellular Adhesion Molecule 1 Isoforms Alternatively Inhibit And Costimulate Human T Cell Function. Journal Of Immunology, Vol. 172, No. 6, pages 3535-3543, XP002343168 (**Exhibit 7**);
8. Written Opinion of the International Searching Authority issued by the International Searching Authority (ISA/EP) on September 15, 2005 in connection with International Application No. PCT/EP2004/014435 (**Exhibit 8**).

10/583291

Applicants: Nalan Utku and Steven Richard Blumberg

U.S. Serial No.: NOT YET KNOWN

Filed: as S371 national stage of PCT

International Application No. PCT/US2004/037412

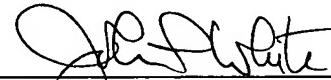
Page 3

AP3 Rec'd PCT/PTO 16 JUN 2005

Copies of documents numbers 1-8 are attached hereto as **Exhibits 1-8**, respectively.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



John P. White
Registration No. 28,678
Attorney for Applicants
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

AP18 Rec'd PCT/PTD 16 JUN 2006

10/583291

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

<i>Complete if Known</i>	
Application Number	NOT YET KNOWN
Filing Date	Herewith
First Named Inventor	Nalan Utku
Art Unit	
Examiner Name	
Attorney Docket Number	76518/JPW/CH

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)			T ⁶
	4	WO 99/52552	10-21-1999	BLUMBERG, R.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

IAP18 Rec'd PCT/PTO 16 JUN 2006
10/583291

PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
				Application Number	NOT YET KNOWN
				Filing Date	Herewith
				First Named Inventor	Nalan Utlu
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	76518/JPW/CH

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	1	International Search Report issued by the International Searching Authority (ISA/EP) on September 15, 2005 in connection with International Application No. PCT/EP2004/014435				
	2	Database Biosis Online! Biosciences Information Service, Philadelphia, PA, US; 2003. HIDEKI, I. et al. Specific Regulation Of T Helper-1 Mediated Murine Colitis By CEACAM1. XP002343170, Database Accession No. PREV200400032288				
	3	SZEKANEZ, Z. et al. Increased Synovial Expression Of The Adhesion Molecules CD66a, CD66b, and CD31 in Rheumatoid and Osteoarthritis. Clinical Immunology and Immunopathology, Vol. 76, No. 2, 1995, pages 180-186, XP002343166				
	5	SKUBITZ, K.M. et al. Synthetic Peptides From The N-Domains Of CEACAMs Activate Neutrophils. Journal of Peptide Research, Munksgaard International Publishers, Copenhagen, Denmark, Vol. 58, No. 6, December 2001, pages 515-526, XP001093434				
	6	HIDEKI, I. et al. Specific Regulation Of T Helper Cell 1-Mediated Murine Colitis By CEACAM1. Journal Of Experimental Medicine. Vol. 199, No. 4, pages 471-482, XP002343167				
	7	CHEN D. et al. Carcinoembryonic Antigen-Related Cellular Adhesion Molecule 1 Isoforms Alternatively Inhibit And Costimulate Human T Cell Function. Journal Of Immunology, Vol. 172, No. 6, pages 3535-3543, XP002343168				
	8	Written Opinion of the International Searching Authority issued by the International Searching Authority (ISA/EP) on September 15, 2005 in connection with International Application No. PCT/EP2004/014435				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Applicants: Nalan Utlu and Steven Richard Blumberg
U.S. Serial No. NOT YET KNOWN
Filed: Herewith (as §371 national stage of PCT/EP2004/014435)
Exhibit A